



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4811

SERIAL NUMBER 10/689,621	FILING DATE 10/22/2003  RULE	CLASS 365	GROUP ART UNIT 2824	ATTORNEY DOCKET NO. 244233US2SRD
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

Tadashi Kai, Kawasaki-shi, JAPAN;  
 Toshihiko Nagase, Sagamihara-shi, JAPAN;  
 Tatsuya Kishi, Yokohama-shi, JAPAN; Yoshiaki Saito, Kawasaki-shi, JAPAN;

\*\* CONTINUING DATA \*\*\*\*\*  
 NONE JA

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 JAPAN 2002-311497 10/25/2002 JA

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 01/17/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>JA</i>	STATE OR COUNTRY JAPAN	SHEETS DRAWING 7	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 5
---	------------------------------	------------------------	-----------------------	----------------------------

ADDRESS  
 22850  
 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
 1940 DUKE STREET  
 ALEXANDRIA, VA  
 22314

TITLE  
 Magnetoresistance element, magnetic memory, and magnetic head

FILING FEE  RECEIVED 1072	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------------------------	---	---